

Renewable Energy Marketplace - Alliance for Talent Development (MNREM-WIRED)

Projects Funded 2009 - \$2,507,831

Revised: \$2,493,224 + \$814,500 = \$3,307,724

For more information on these projects, and MNREM, visit www.mnrem.org

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Key Partners - Industry	Key Partners - Other	Applicant Name	Amount Funded		First Quarter Update	Second Quarter Update	Third Quarter Update
101 Outland Energy, Granite Falls Energy, Fagen Engineering, and others	SMSU, SW/WC and MN Valley Service Cooperatives, MN FFA, CREED, SW WF Council	Minnesota West Community & Technical College - This project will foster talent development for emerging renewable energy industries. High school teachers will be trained in the integration of emerging renewable energies curriculum into their senior high school science, math and agricultural classes.	\$118,222	Teacher training - STEM, Renewable Energy	Planning and project development for first phase of project. 20 students enrolled, to start training June 8.	15 hs teachers completed 1st phase of program. More were interested, but were affected by potential layoffs or \$ (need to work). Teachers will be integrating new curriculum into their classes	12 of the 15 teachers enrolled are taking advantage of the grad credit thru SMSU, and the MNREM scholarship. Teachers selected school kits that best fit their schools, these have been purchased. Finalizing Part 2 trng for next summer
102 SMI & Hydraulics, Solar Skies, Empire Plumbing and Heating, and others	Prarie Woods Environmental, MnWest CTC, Ridgewater, SW/WC SC, DEED, SWMN PIC, Central MN Jobs and Training, High Schools throughout region	Southwest Initiative Foundation - YES! is a program administered and implemented by the Southwest Initiative Foundation (SWIF) and Prairie Woods Environmental Learning Center (PWELC) that directly develops the talents of this region's young people, providing them with knowledge, networks, and leadership skills that will place them at the forefront of our region's future renewable energy workforce. This program serves as a model to build core competencies, identify and disseminate career and skill information, and ncrease the integration of our youth with business, industry and educational institutions through its energy action projects.	\$202,500	Youth Development in Renewable Energy through hands-on education and energy action projects	Development of partnerships to expand YES! project beyond current area. Identified Prairie Ecology Bus Center in Lakefield as partner to expand to southern part of region. Evaluating current season projects and identifying needs for expansion efforts.	11 teams registered for this year, including 4 new teams. Formalized partnerships and staff hired with with PWELC and PEBC. Eval of current program provided input for revision and improvements in expansion effort. Add'l connections made for coordination with other energy-related youth programs. One internship completed, research ass't hired (both funded by U of M).	Focus has been team recruitment, now have 19 teams accepted, goal is 22 teams. Work plan, coordinator and coaching binders updated and distributed, preparations began for fall kickoff meetings. Planning session w/coaches in August, team kickoff meetings in September. Partnership finalized for SW MN Career Expo /YES! Resource Fair in October, 20 RE businesses will participate. Challenge in getting coaches, due to increased work loads; business recruitment, add'l donations also difficult due to economy

103	Solar Skies	Century College, Rural MN CEP	Alexandria Technical College - The proposed project will be designed in conjunction with Solar Skies Manufacturing LLC to develop a training initiative for the incumbent workforce. The project will identify and develop multiple levels of non-credit solar thermal training focused on developing industry instructors and creating training modules for consumers, designers, engineers, and trades people.	\$170,060	Curriculum Development - Solar Energy; Train-the-Trainer; Incumbent Worker Training	Initial planning meetings, three core modules discussed re: course outcomes and audience. Train-the-trainer modules reviewed and audience defined. Curriculum development template developed, curriculum development begun on first module: Solar Thermal Overview. Facilitator and Participant Guides in development	Curriculum in development on first 3 modules, other 2 modules in infancy stage of development. Facilitator and Participant guides in development for 1st module.	First (and largest) curriculum module - Solar Thermal Overview - is almost complete. Development of other two module underway using curriculum development template. Reviewing database of individuals to invite to Train-the-Trainer course for November, following by 3 training sessions. Will be requesting a 3-month extension.
104	Xcel , BH Electronics, SMI Hydraulics, Outland Energy	SWMN FIRST, MNSCU, MNWest, DEED, SWMN Workforce, SC Workforce Council, Central MN WIB, CMJTS, SE Workforce Council, Workforce Dev Inc., MN Energy Consortium, SW/WC Cooperative, iSEEK, AURI, Marshall High School	SW MN FIRST/SW MN Private Industry Council, Inc. - The Career Awareness for Renewable Energy (CARE) outreach project will enhance and expand the economic and talent development strategies envisioned by Minnesota's WIRED grant project. The goals are to build and sustain a systemwide outreach program that will cultivate renewable and sustainable energy industry productivity and growth and also create awareness, excitement and interest in renewable and sustainable energy careers available throughout Minnesota.	\$202,500	Development/ dissemination of career information and career pathways in RE; expand access to college-level programs in energy production	Website/E-magazine - in planning/development. Wind Energy Career Pathway - initial research started, draft will be presented to employers for comment. Career development/STEM: Tuition reimbursement - in planning/development, all campuses on track for approving AAS degree and certificate programs. Technical Skills Challenge/Career Expo: Competition guidelines established, 40 students registered, in Wind Energy, Solar Sprint Car, and Cell Phone Showdown. FIRST Robotics - Marshall HS Robotics Team finished 7th of 51 teams in the "Lunacy" FIRST Robotics competition.	32 students competed in Wind Energy, Solar Sprint Car, Cell Phone Showdown at the Technical Skills Challenge. Plans in development for 2010 event, including recruitment of add'l RE companies to the career court. WEBPAGE: Energy Careers Website is almost complete, planned launch for July. SCHOLARSHIP: Scholarship Committee formed, application form completed, flyers developed to help market program. FIRST ROBOTICS: slow during summer, some members participated in skit for freshmen to promote robotics, and LOGO robotics class for younger students to start the basics. WIND ENERGY CAREER PATHWAYS: Still in research and development phase.	Marshall Robotics Team invited to participate at State Fair, placed second in competition, out of 27. Work continues on Wind Energy Career Ladder, should be finalized next qtr. Welding trng seminar held for 20 high school instructors, in partnership with SMI & Hydraulics; they will provide free materials for any high school registering for welding competition in the Tech Skills Challenge, April 2010. 1,700 students registered for Fall Career Expo. Website launched - www.MnEnergyCareers.org - has received positive feedback; continues to be updated. 24 students selected for scholarships in energy-related AAS and certificate programs

<p>105</p> <p>Outland Renewable Energy, Energy Maintenance Service, Dakota Wind and SMI&Hydraulics</p>	<p>MNWest Canby, Canby Public Schools, Yellow Medecine Co. Business Retention and Expansion Initiative, SWMN Workforce Council, City of Canby and Economic Development</p>	<p>Minnesota West Community & Technical College - The request will create a Wind Energy Development Coordinator for the Minnesota West Wind Energy programs to organize hands-on recruiting between Minnesota West Community and Technical College, regional high school students and businesses. The facilitator will develop a business network to encourage businesses to donate equipment and to promote online wind energy courses for individuals and businesses. The regional networking would lead to a long range action plan for collaboration of businesses and schools including the recruitment of employees, the donation of equipment and the sharing of training facilities.</p>	<p>\$100,000</p>	<p>Wind Energy Development Coordinator for regional networking and outreach</p>	<p>Wind Energy Development Coordinator hired. Received leveraged equipment donation from Avanti, visits and discussions with AES/GE to donate additional equipment, also in running for equipment donation from SMI. Student scholarship provided by Vestas. Progress/tracking form developed. 54 new apps for on campus Wind programs.</p>	<p>82 apps for Fall 2009 Wind Energy Tech programs, plus 27 for online Windsmith Certificate. WE Instructor and Coordinator working on development of internships, goal for every student to have internship. New industry members added to advisory board; new student scholarship pledged by Outland; working w/SMI on plans for donated tower; anticipating arrival of V47 Gearbox and Generator from Vestas.</p>	<p>Coordinator has been busy pursuing leads on equipment, recruiting students, working with applicants, improving lab resources, as well as long-term planning for sustainability. Partnered with Outland Energy for additional MNREM training programs. Substantial donations of equipment this quarter.</p>
<p>106</p> <p>Better Through Design (An Ottertail Corporation Company), StoneL Corp, 3M, Tri-State Manufacturers Assoc</p>	<p>Rural MN CEP, Lakes Country Service Coop, Alexandria Tech, 360 Center of Excellence, MSCTC, West Central Initiative</p>	<p>Tri State Manufacturer's Association - The West Central Minnesota Dream It. Do It. Steering Committee is requesting MNREM – Alliance for Talent Development funds to support a piloted and proven pro-manufacturing career awareness campaign in West Central Minnesota. The Steering Committee is requesting funding to support the K-12 program to engage the K-12 education districts in sharing the Dream It. Do It. campaign message and to support specific media purchases to share the pro-manufacturing campaign message with the general public.</p>	<p>\$51,267</p>	<p>Dream It. Do It. Campaign to increase interest of 16-26 year-old target audience in advanced manufacturing supporting Renewable Energy</p>	<p>Completed pre-launch activities, and officially launched Dream It. Do It. campaign. Design/development of tool kit materials and website. Design and deployment of pre-campaign survey of K-12 administrators, counselors, and STEM teachers. Media campaign kickoff. Bi-weekly Steering Committee meetings.</p>	<p>Completed web-based recruitment advertising on facebook - over 2,000 unique visitors to website in qtr. Completed development of Dream It. Do It. Toolkit, and mfg technology kit items to be supplied to hs teachers (2/school in region). Plans in development to partner with 360° Mfg/Applied Eng School of Exc. to take lead in October Career Day for hs students</p>	<p>Continued web-based advertising on FaceBook - from July-Sept, more than 3,418 unique visitors to website. Planning for 2 career development activities for fall 09, and for guidance counselor workshop and teachers workshop in November. Items for Mfg Tech Toolkits sent for teachers. Soliciting add'l support from area manufacturers.</p>

<p>107</p> <p>Alliant Energy, Freeborn-Mower Cooperative Services</p>	<p>Workforce Dev Inc, Riverland Comm College, Albert Lea High School, SMIF</p>	<p>Workforce Development, Inc. - We are requesting funding for projects that will target the entire workforce pipeline for renewable energy workers in our region. The Renewable Energy Skilled Worker Pipeline project will expose out-of-school youth and adults to the opportunities in the industry, support graduated seniors with work experience within the industry, and assist with credit-based tuition for individuals wanting to pursue leadership positions within this emerging industry.</p>	<p>\$202,500</p>	<p>Increase renewable energy (RE) curriculum for high school teachers; RE internships; Pre-Employment Energy Academies; tuition assistance for RE Tech program</p>	<p>Planning and development for Renewable Energy Academy, goal ready to launch April 2009. (Note: 20 Academy slots, 35 attended first orientation meeting). Flyer developed to recruit students for summer internships, and Academy brochure developed. Building regional network, engaging additional partners (IBEW, NESEA, Henkels & McCoy). Riverland College Wind Turbine Technician program in final stages of MnSCU approval process.</p>	<p>RE Academy curriculum finalized, 18 students completed first Academy session. Pathways to Success-Renewable Energy booklets making progress, should be ready by early fall. Staff hired to work w/RE businesses and help connect Academy graduates w/employment. Second Academy planned for July-August. Riverland rec'd approval for Wind Turbine Tech program; work to begin development of Solar curriculum will start mid-July. Wind Energy Summit held in June</p>	<p>After first Academy, process was revised, learning that the curriculum did not meet employers needs. The first group was mostly older workers with good work history, but unprepared for rigors of the field. Now incorporating pre-Academy application for students to help them determine their fit. Second Academy completed in August. One internship completed with POET, sounds like excellent experience. Eleven MNREM scholarships awarded to Wind Tech students, plus 3 thru DW\$. Career Pathways booklet in final review. Still working on hs curriculum.</p>
<p>108</p> <p>NovaTech, Process Solutions, Heron Lake Bio Energy LLC, POET Biorefining, Ganite Falls Energy LLC, Archer Daniels Midland, Southern MN Sugar Beet Coop</p>	<p>SMSU, MNWest CTC, MNWest Customized Training, Central MN jobsand Training, SW MN FIRST, SWIF, SWMN Workforce Council</p>	<p>MN West Community & Technical College - This proposal focuses on training the workforce as it relates to the biofuel industry. Outcomes of the project will fulfill industry's employee needs by upgrading current employee skills and increasing the current pool of qualified biofuel production employees. The multifaceted skill sets that make up the training in this proposal include development of an ethanol process simulator that gives trainees a hands-on look and feel of operating an ethanol facility, delivery of supervisory management training, production operation and lab training, as well as company board of director leadership training.</p>	<p>\$202,500</p>	<p>Development of an ethanol process simulator manual; supervisory mgmt training, production operation/lab training in biofuels industry</p>	<p>Planning/organization meetings held, ethanol process consultant began writing start up procedures for NovaTech Training Simulator, network developed to start development of training simulator manual. Various vendor training activities (leveraged funds).</p>	<p>11 students enrolled in training; Ethanol Simulator student trng manual has made significant progress. Specifications for ethanol training simulator developed, bid out (leveraged funds). 10 employees participated in Ldrshp Mgmt conference. MnWest working w/HLBE to get employees enrolled in online courses to start Fall 2009.</p>	<p>NovaTech Ethanol Simulator (NETS) Manual completed and being reviewed for edits. Supplies for lab purchased and installed. HLBE employees enrolled into online training courses, also participated in multiple vendor trainings. NovaTech began initial simulator installation process in two MN West computer servers.</p>

<p>109</p> <p>BTD Inc, Lake Region Electrical Coop, Ottertail Power</p>	<p>Rural MN CEP, ABE Moorhead, Perham/Dent ISD# 549, Lake Park/Auburn ISD# 2889 , Hawley ISD# 150, Detroit Lakes ISD# 22, Moorhead ISD# 152 , Dilworth/Glyndon/Felton ISD# 2164</p>	<p>MN State Community & Technical College - To deliver foundational technical training in 3 short certificates that provide skills for employment in emerging energy technologies, current energy technologies, and manufacturing. The audience is displaced workers, under-skilled workers and high school juniors and seniors. Additionally, college technical faculty in collaboration with green technology specialists will develop 12 "green" technology learning units that will be imbedded in 12-14 MSCTC engine related, construction/design and electrical programs in 2009-2010 and shared with other Minnesota colleges and high schools to promote alternative energy practices.</p>	<p>\$202,500</p>	<p>Development of three technical skills certificates for core skills in energy/mfg; develop alternative energy learning units</p>	<p>Recruiting high school students to participate; already, without advertising, have 5 dislocated worker/underemployed students interested. Recruiting college faculty to develop green modules for existing programs. Industry partners donating time to fabricate mobile hydraulic/pneumatic trainers, thereby potentially enabling more trainers to be purchased.</p>	<p>Continued to recruit hs students and dislocated workers. Green module development underway by faculty. Primary challenge is student recruitment; school budget issues are roadblock for recruitment.</p>	<p>Intensive recruiting effort, still ended up low on adult participants. HS student participation also lower than expected, but good participation from the students, including female and Alternative HS students, who are very excited about the hands-on learning experiences. Twelve green technical modules developed and being implemented. BTD has donated steel and aluminum for welding classes.</p>
<p>110</p> <p>Lake Region Electric Coop, Ottertail Power</p>	<p>Moorhead State, Concordia, MSCTC, Alexandria Tech, Rural MN CEP, CISCO, "Dream It. Do It." Campaign</p>	<p>Lakes Country Service Cooperative - The LCSC STEM Project is designed to build regional capacity in the K-12 system to educate the next generation workforce by meeting the specific needs of local teachers, school personnel and counselors in regards to 1) Regional MN teachers will acquire the content and contextual knowledge to effectively teach STEM concepts directly related to local renewable, manufacturing and agricultural workforce needs through the development of professional learning communities and effective research-based teaching strategies; 2) MN students will therefore exhibit an increased understanding of and enthusiasm for STEM and its relationship with the renewable energy and agricultural workplace; 3) MN educational institutions and industry will develop an increased capacity for continuous, sustainable improvement in STEM instruction through content knowledge and contextual industrial work experiences to enhance regional awareness in renewable energy, agri-bioscience and value-added agriculture.</p>	<p>\$168,778</p>	<p>STEM Teacher Academy to improve teaching and learning of STEM, and relate STEM concepts to career opportunities in the region. Teacher mentorship with local industries.</p>	<p>In the process of developing 35 internship opportunities for teachers at 15 different industry locations. Project planning for other phases - STEM Academy, Professional Learning Community Workshops. Have been contacting partners and recruiting new ones to present at the Academy, provide tours and internships.</p>	<p>35 9th-12th grade teachers enrolled, with more on waiting list. Have developed 35 internship opportunities for teachers at 13 different locations. Will be starting STEM Academy in August 2009. This quarter was spent in development and recruitment; activity will start taking place in next quarter.</p>	<p>STEM Academy completed in August, 35 participants (9 taking course for credit). Teachers grouped into 7 professional learning communities (PLCs), based on business internship pairings, location, and subject taught. Each PLC will create, present and revise at least 2 STEM lessons/units using Japanese Lesson study model. Each teacher will also complete a 40-hour internship with a regional industry.</p>

<p>111</p> <p>Wilcon Construction, Schwickerts, Paulsen Architekt, Gausmen and Moore, LuminarEternus</p>	<p>MSU, SW Workforce Council</p>	<p>MN State University, Mankato - Develop and provide educational opportunities for preparing technicians and engineers for design and implementation of energy-efficient mechanical systems (e.g., heating and air conditioning) for public and private buildings. This includes new buildings and retrofitting existing buildings. The target jobs include four phases: energy auditor, contractor (design and implementation), commissioning (testing installed systems) and operation (continual tuning and maintenance).</p>	<p>\$169,065</p>	<p>Curriculum development and delivery to prepare technicians and engineers for design and implementation of energy-efficient mechanical systems and renewable energy systems.</p>	<p>Industry Advisory Board has met several times and developed content descriptions for each of seven modules; schedule established to offer modules. Curriculum developers indentified, and working on each of the modules, in consultation with industry. Potential students have already been in contact. Marketing materials in development.</p>	<p>Seven (7) Sustainable and Energy Efficient Buildings Certificate Modules have been created, and a schedule to start offering the modules to students has been developed - classes will start in August.</p>	<p>Five modules have been presented to 43 students in Mankato. Plans to present seven modules at TC location, anticipate more students there. Timing appears to have been an issue in getting more students to participate (evenings/ wkends in summer)</p>
<p>201</p> <p>Nova-Tech, Epitopx</p>	<p>Uof M, St Cloud State, Ridgewater, Kandiyohi and Willmar EDA, Central MN Jobs and Training, Workforce Center Willmar</p>	<p>MinnWest Technology Campus - The MinnWest Technology Campus in partnership with the niversity of Minnesota, Willmar and other supporting institutions intends to develop a training program within a newly formed core facility that will identify qualified Minnesota STEM students and give them real-world experience with campus companies with the hopes they enter biotechnical fields and remain in the region for their career. The MinnWest Technology Campus is asking for WIRED funds to begin implementation of the program.</p>	<p>\$202,500</p>	<p>Development of a learning center; provide internships and opportunities for students to gain experience in renewable fuels and other bioscience fields in a real-world atmosphere</p>	<p>Internships – 3 of 4 summer interns have been identified. Student Workshops - Students have been identified for the first round of undergraduate research, to be held June 8 - July 10. Have already exceeded the projected number of participants and will use funds from the Dean’s office to supplement the grant award. Professional development workshops – curriculum is being established, teachers are being identified. Extended learning classroom/meeting center – a committee has been working to determine the best technology for the needs of the classroom and the best fit for higher education with extended learning. Some proposals have been submitted for these technologies by vendors.</p>	<p>Preparatory work for the applied genomics project and the internships. Two interns hired by Nova-Tech; were not able to hire the two by Epitopix - bothdropped out at last minute, housing may have been issue. Participant recruitment has been focus this quarter, as well as continuing to develop partnerships, and learning to partner between the public and private sectors.</p>	<p>Four internships started this summer, two of them are still ongoing. Successful experience, and introduced interns to the Willmar area, which they would not have considered otherwise. Teacher Development training - 25 teachers (junior/senior high) from 18 schools participated in SCSU Mobile Science Lab program, as a prerequisite to having the lab come to their school - all have scheduled for their schools to host the lab during this school year. Future plans will take this statewide. Work on curriculum development started, but no concrete developments yet.</p>

202	Chippewa Valley Ethanol	Benson Public Schools, SWMN PIC and Workforce Council, L. A. Amundson Foundation, Benson EDA	Benson Public School - To purchase lab equipment for the science lab at Benson High School and to support a school to work program with the Chippewa Valley Ethanol Company of Benson MN. Students enrolled in Benson High School's Renewable Energy class would be eligible to apply for a part-time job at the Chippewa Valley Ethanol Company through Benson High School's Off Campus Work-Site Program.	\$65,700	Develop a table-top ethanol production facility for operation in the Benson school; to offer students science experience in renewable energy	In the final stages of receiving quotes for the equipment for the ethanol lab in the science department. Have the renewable energy class on schedule for next fall, and already 16 students are registered for the class.	Curriculum has been developed for the RE class, and 21 students have been registered. In process of selecting students for the school-to-work portion of project, and staff development activities for instructor. Just received notice from DOL (July 2009) re: approval of equipment purchase.	26 students enrolled in RE class, two students working at CVEC. Equipment is arriving and being set up, much more complicated than anticipated.
203	Easy Energy Systems Inc	Martin County West Public Schools, SC Workforce Council	Easy Energy Systems, Inc. - To provide internships and training for the renewable energy industry. Through this program we intend to keep the area's "best and brightest" employed locally.	\$85,935	Provide internships and career exploration opportunities to students in renewable energy	Planning and development, student outreach for internships. Will be starting to interview interns mid-May. Application/interviewing process good life skill development for students. Have gotten response from college students and alumni through the "grandma network".	12 interns hired, from more than 30 applicants. The interns are involved in a variety of experiences related to renewable energy, and from their report the experience sounds very successful. Positions range from developing marketing materials/visiting with customers, country research, recording/ editing promotional video, completion of a molecular sieve, etc. Students are becoming acclimated to real world work environment, and are working with state of the art technology.	8 interns completed the project, one is remaining active in the company, and 3 are doing small amounts of work during the remainder of the project. The company has been very pleased with the skills and abilities of the interns, and the interns feel their experience has been valuable. Several were able to meet w/Secretary of Energy Chu when he was in the area.
204	V-Tek, Cambria, Dotson Iron Castings, MICO, V-Tech	South Central Workforce Council, MN Center for Engineering and Mfg Excellence, and South Central College	South Central College - Funds will be used to develop and deliver four core curriculum Mechatronics classes to workers on MN's Shared Work Program, as well as other incumbent workers. SCC will support a Shared Work Pilot Program that will offer mechatronics training to incumbent workers in South Central Minnesota.	\$174,939	Develop curriculum in four core mechatronics areas; support Shared Work Pilot Program to offer mechatronics training to incumbent workers	Worker training bill signed into law, allowing businesses to take advantage of the Shared Work Program while employees are receiving training through MNREM-WIRED funded projects. Curriculum development underway, with input from industry partners.	First group of incumbent workers (14) enrolled, first two courses delivered to group. 40 students registered for Fall 2009 AAS degree program. Approx \$160,000 of start-up funds donated by local industry business owners and CEOs, including funding for two years instructor's salary/benefits. New industry partners have become involved, and are providing scholarships, offering employees as guest speakers, sending employees to training.	15 students enrolled, 12 completed first two courses. Final two courses will be offered in September and November 2009. Industry involvement included tours, guest lectures, and releasing employees to participate in classes. Industry has also contributed hardware and software, at no or low cost.

205	Nova-Tech Engineering, Hammel Green and Abrahamson	UofM Morris, Minnesota West Community & Technical College, Rural Mn CEP	Regents of the U of M (Morris Campus) - To develop and implement an innovative curriculum in biomass gasification technology through a partnership of education, industry and workforce development agencies.	\$174,258	Develop and implement a biomass gasification technology curriculum	Biomass curriculum in full development, with participation from all partners. 23 students have already applied for the class (out of 25 slots available).	3-credit course Esci 1131 Renewable Energy with Biomass Gasification curriculum completed and offered on-campus to 20 students, including undergrad students from UMM and MNWest CTC; undergrad and grad students from several other universities; working professionals in RE and related industries, and other adults, including dislocated workers. Excellent example of partnership between community college/university, and education/industry/workforce development	Partners met to assess the course, discuss how to strengthen it, and consider when to offer it again, in what format, and to whom. Plan is to revise course, strengthening the curricular materials; then build upon the course, developing additional, more advanced level courses; and adapt the curriculum in format and delivery modes to serve those in workforce, in leadership roles, and public energy policy makers
			Total Funded	\$2,493,224				
301	Keoh Properties	School, city, Habitat for Humanity, SW MN PIC	CURE - Sustainable Housing Demo; trng to students/contractors - const en-efficient low-income home	80,000				Renewable energy construction class started at high school, researching designs, building inspectors, contractors. Outreach w/Latino community; working w/partners who haven't worked together before
302	Green Lyfe, Willmar Elec, Bldrs Assoc, Applied Engineering	Ridgewater, CM WIB, Kandiyohi EDC, Willmar Chamber	Green Lyfe, LLC - Training/education of students, existing workforce, general public in renewable/sustainable technologies through construction of LEED-certified home	80,000				Completing design of home, organizing phases and partners, acquiring financing, developing contractual arrangements, identifying subcontractors
303	Iron Castings	BioBusiness Alliance, SC WFC, SMIF, SCC, Center for Rural Policy and Development	MN State University, Mankato - Facilitate development of new RE entrepreneurs/ventures in So. MN by bringing together entrepreneurship teams	61,000				Flyer developed, no other activity
304	Ottertail Ag Ethanol	NDSCS, RMCEP	MSCTC - Provide alternative and renewable energy based, hands on educational programs to students in grades 8-12	76,500				Initial planning meeting
305	BioFuell Energy, So MN Beet Sugar Coop, MN Soybean Processors	MN West CTC, SW PIC, DEED	MTM Performance Solutions - Supervisory Ldrshp Trng	60,000				Calls to schedule first meetings with grant companies to schedule 9-month plan. Created PP presentation to share with companies

306	Various residential building contractors	RMCEP, RREAL, Dept of Commerce	Otter Tail-Wadena Community Action Council - Train weatherization auditors/ contractors - solar site analyses/ solar air heating installations	95,000				Training curriculum created, training instruments purchased, schedule established for trng. Homes for practicing Solar Site Analysis identified and cleared. Presentation including summary of all forms of solar technology created
307	Outland Energy	MnWest CTC, SW MN PIC	Outland Energy - GearTech training - Gear Failure Analysis seminar	45,500				Have met with MN West CTC to do preliminary plng/timelines
308	Outland Energy	MnWest CTC, SW MN PIC	Outland Energy - Gravitec Train-the-Trainer	14,500				Have met with MN West CTC to do preliminary plng/timelines
309	Outland Energy	MnWest CTC, SW MN PIC	Outland Energy - Hands-on trng for wind technician employees (present and future)	44,000				Have met with MN West CTC to do preliminary plng/timelines
310	SMAFE members	ATC, So MN WF Council, Biofuels Recruiting	SMAFE - Ldrshp Development through YOUiversity	85,000				Completed 20% of curriculum, curriculum outline, theoretical overview, Individual Ldrshp Plan; soliciting additional SMAFE members
311	POET, MN Soybean Processors	SW WF Council, ABE	Windom Education & Collaborative Center (WECC) - Skills trng for new and existing biofuels employees, ELL target	78,000				Held Boiler Operator training, overwhelming response - 32 enrolled
312	SoyMor Biodiesel	3 Workforce Service Areas (SE, So Central, SW) Riverland Community College	Workforce Development, Inc. - Strengthen RE Pipeline project (Academy project begun through first MNREM funding round)	95,000				No activity yet, other than starting to develop process to differentiate between first grant and this one, which builds on the first
Total Funded				\$814,500				